

What is claimed is:

1. A power management method for hand-held information processing apparatus, comprising the following steps:

creating an idle thread when a central processing unit of said hand-held information processing apparatus is in an idle status;

counting a number of times said idle thread has been executed;

comparing said counted number of times of execution of said idle thread with at least a high and a low default value; and

raising or lowering an execution frequency of a system of said hand-held information processing apparatus when said counted number of times of execution of said idle thread is larger than said at least one high default value or smaller than said at least one low default value, respectively.

2. A power management method for hand-held information processing apparatus, comprising the following

steps:

creating an idle thread when a central processing  
unit of said hand-held information processing  
5 apparatus is in an idle status;

counting a number of times said idle thread has been  
executed;

10 comparing said counted number of times of execution  
of said idle thread with at least a high and a low  
default value;

15 detecting and verifying whether peripherals of said  
hand-held information processing apparatus are  
still in a busy status;

temporarily stopping said peripherals that are not  
in said busy status, and awaiting until said  
20 peripherals that are in said busy status having  
completed execution of their respective works; and

raising or lowering an execution frequency of a  
system of said hand-held information processing  
25 apparatus when said counted number of times of  
execution of said idle thread is larger than said

at least one high default value or smaller than said  
at least one low default value, respectively.

3. The power management method as claimed in claim 1,  
5 wherein said execution frequency of said system is  
a frequency of said central processing unit and  
peripheral driving devices of said hand-held  
information processing apparatus.

- 10 4. The power management method as claimed in claim 2,  
wherein said execution frequency of said system is  
a frequency of said central processing unit and  
peripheral driving devices of said hand-held  
information processing apparatus.